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YJ—2722

DIPLOMA IN ANAESTHESIOLOGY EXAMINATION, 2003

Paper I—BASIC SCIENCES IN RELATION TO ANAESTHESIOLOGY

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Describe anatomy of vocal cord in detail and its importance in anaesthetic practice.
2. What is pH ? How acid base balance is regulated in human body ? Discuss metabolic acidosis in detail.

(2 × 20 = 40 marks)

Short Essays :

3. Respiratory monitoring in anaesthetic practice.
4. Conduction defects and its importance in anaesthetic practice.
5. Fentenyl.
6. Chemoreceptors.
7. Cholinesterase.
8. (a) WTG morten.
   (b) Karl Koller.

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(6 × 10 = 60 marks)

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YJ—2723

DIPLOMA IN ANAESTHESIOLOGY EXAMINATION, 2003

Paper II—CLINICAL PRACTICE OF ANAESTHESIA

(Systemwise)

ıe : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

ıng Essays :

1. Describe the pre-operative preparation anaesthetic management and post-operative care of a neonatal child, posted for TOF (Tracheo Oesophageal Fistula) repair surgery.
2. Mention the various types of Crystaloids and Colloids, and the mode of selection according to the need.

(2 × 20 = 40 marks)

hort Essays :

3. Jet ventillation and its use.
4. Closing volume.
5. Horner's syndrome.
6. Preparations and uses of corticosteroid.
7. Synthesis of thyoid hormon.
8. Anaesthesia for laparoscopy surgery.

(6 × 10 = 60 marks)

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YJ—2724

DIPLOMA IN ANAESTHESIOLOGY EXAMINATION, 2003

Paper III—PRACTICE OF ANAESTHESIA

(System/Critical Care)

Time : Three Hours Maximum : 100 Marks

Answer **all** *questions.*

Long Essays :

1. Discuss in detail, the pre-operative preparation, anaesthetic management of patient with fascio-maxillary injury posted for wound debridement.
2. Pathophysiology of obesity and its implications in anaesthetic practice.

(2 × 20 = 40 marks)

Short Essays :

3. Turp syndrome.
4. Thyroid storm.
5. Advance life support.
6. Management of venous air embolism.
7. Simv with pressure support.
8. Glascow coma scale.

(6 × 10 = 60 marks)

Total No. of Pages : 1]

Code No. YJ-302

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
DA - ANAESTHESIOLOGY - PAPER - I

Time : 3 Hours] *[Max. Marks : 10*

These questions carry 20 marks each.

1. Describe the anatomy of larynx.

2. Describe how oxygen is transported in blood. Describe various types of hypoxia

These questions carry 10 marks each.

3. William Morton
4. Body mass Index
5. Rocuronium
6. Nifedepine
7. Hyperbaric oxygen
8. Metoprolol

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Total No. of Pages : 1]

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Code No. YJ-3023

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
DA - ANAESTHESIOLOGY - Paper - II

Time : 3 Hours] *[Max. Marks : 100*

Note:- ***Answer all questions***

1. What are the causes of venous air embolism? What diagnostic and therapeutic steps should be taken if venous air embolism is suspected. [20]

2. Discuss the problems of Anaesthesia in cancer patients. [20]

Write short notes on: [6x10=60]

3. Differential nerve block
4. Seldinger's technique
5. Caudal block in Paediatrics
6. Anaesthetic management of post tonsillectomy bleed scheduled for exploration and haemostasis.
7. Dissociative Anaesthesia
8. Management of Intra Operative Hypertension.

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Total No. of Pages : 1] (36) **Code No. YJ-3024**

THE STUDENTS BELONGING UPTO 1999-2000 BATCH SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY DEGREE EXAMINATION, 2003
DA - ANAESTHESIOLOGY - PAPER - 3

Time : 3 Hours] *[Max. Marks : 100*

Note:- ***Answer all questions.***

1. a) What is cardiac arrest. [5]

   b) Discuss causes, management and post operative care of patient who had cardiac arrest during surgery. [15]

2. Discuss pre, intra and post operative care of a patient with phaeochromocytoma. [20]

Write briefly:

3. Sleep apnoea syndrome [10]
4. Anaesthesia for multiple mandibular fractures [10]
5. Adult respiratory distress syndrome [10]
6. Management of patient of AIDS for surgery [10]
7. Sterilization of Anaesthetic Equipment [10]
8. Arrythmias during Anaesthesia [10]

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Total No. of Pages : 1]

Code No. YJ-3022-A

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
DA - ANAESTHESIOLOGY - PAPER - I

Time : 3 Hours] *[Max. Marks : 100*

Note:-

All questions are compulsory.

Long Essays:

1. Anatomy of broncho pulmonary segments, their importance in Anaesthesia. [20]
2. Mention liver function tests, write about various scoring systems of liver dysfunction. [20]

Short Essays:

3. CVP (Central Venous Pressure) [10]
4. Dysrhythmias during Anaesthesia [10]
5. Co-axial circuits [10]
6. Calcium channel blockers [10]
7. Operating room pollution [10]
8. W. T. G. Morton [10]

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Total No. of Pages : 1] **Code No. YJ-3023-A**

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY EXAMINATION, 2003
DA - ANAESTHESIOLOGY Paper - II

Time : 3 Hours] *[Max. Marks : 100*

Note:- ***Answer all questions***

Long Essays: [2x20=40]

I. What is cardiac risk? How do you evaluate and what are the implications for Anaesthetic practice

II. A 50 year old patient has closed head injury with a GCS of 6. How do you manage for a subdural haematoma.

Short Essays: [6x10=60]

III. a) Fat embolism

b) Causes of Anemia in end stage renal failure

c) Tracheo - oesophageal fistula - Anaesthetic problems

d) Aorto caval compression

e) Foetal circulation

f) Problems in a child with foreign body for bronchoscopy

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Total No. of Pages : 1] **Code No. YJ-3024-A**

THE STUDENTS BELONGING TO 2000-2001 BATCH AND ONWARDS SHALL ANSWER THIS QUESTION PAPER ONLY

DIPLOMA IN MEDICAL FACULTY DEGREE EXAMINATION, 2003
DA - ANAESTHESIOLOGY - PAPER - 3

Time : 3 Hours] *[Max. Marks : 100*

Note:- ***Answer all questions.***

1. Pathophysiology of pheochromocytoma and anaesthetic management. [20]
2. Describe various changes in body systems of a geriatric patient. Discuss anaesthetic management of obstructed inguinal hernia in 75 yr old man. [20]
3. Post tonsillectomy bleeding [10]
4. Problems of dental anaesthesia [10]
5. VAP (Ventilator Associated Pneumonia) [10]
6. Nutrition in ICU (Intensive Care Unit) [10]
7. SIMV (Synchronized Intermittent Mandatory Ventilation) [10]
8. POST. OF. Pain Relief - Various Modalities. [10]

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